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# CONDITIONAL STATEMENTS

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## 1. Write a C program to find number is positive, negative or zero.

### ◆ Code

```
#include<stdio.h>

int main() {
    float num;
    printf("Enter any number: ");
    scanf("%f", &num);
    if (num > 0) {
        printf("%f is positive number.", num);
    } else if (num < 0) {
        printf("%f is nagative number.", num);
    } else {
        printf("%f isn't either positive or nagative number.", num);
    }
    return 0;
}
```

### ◆ Output

```
D:\LearnCourses\LearnC\conc × + v
Enter any number: -0.1
-0.100000 is negative number.
-----
Process exited after 3.207 seconds with return value 0
Press any key to continue . . . |
```

2. Write a C program to find Grade from percentage. Here range is given below:

- 91 - 100 A
- 81 - <91 B
- 71 - <81 C
- 61 - <71 D
- 40 - <61 E
- <40 Failed

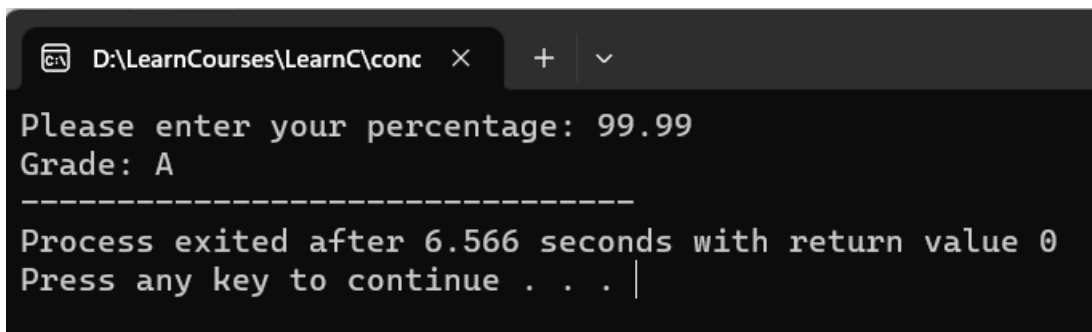
#### ◆ Code

```
#include<stdio.h>

int main() {
    float per;
    printf("Please enter your percentage: ");
    scanf("%f", &per);
    if (per >= 91 && per <= 100) {
        printf("Grade: A");
    } else if (per >= 81 && per < 91){
        printf("Grade: B");
    } else if (per >= 71 && per < 81){
        printf("Grade: C");
    } else if (per >= 61 && per < 71){
        printf("Grade: D");
    } else if (per >= 40 && per < 61){
        printf("Grade: E");
    }
```

```
} else if (per >= 0 && per < 40){  
    printf("Sorry, you are feild in exam.");  
} else {  
    printf("INVALID - please check your entered input.");  
}  
return 0;  
}
```

## ❖ Output



```
D:\LearnCourses\LearnC\conc × + ∨  
Please enter your percentage: 99.99  
Grade: A  
-----  
Process exited after 6.566 seconds with return value 0  
Press any key to continue . . . |
```

**3. Write a C program to find Code is alphabet, number or special symbols.**

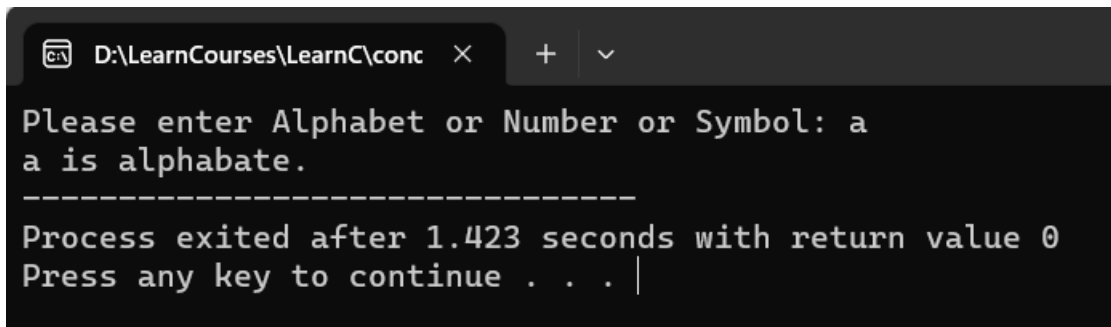
◆ **Code**

```
#include<stdio.h>

int main() {
    char x;
    printf("Please enter Alphabet or Number or Symbol: ");
    scanf("%c", &x);
    if ((x >= 'a' && x <= 'z' ) || (x >= 'A' && x <= 'Z' )){
        printf("%c is alphabate.", x);
    } else if (x >= '0' && x <= '9') {
        printf("%c is numbers.", x);
    } else {
        printf("%c isSpecial symbol.", x);
    }
    return 0;
}
```

```
}
```

## ❖ Output



```
D:\LearnCourses\LearnC\conc
Please enter Alphabet or Number or Symbol: a
a is alphabate.
-----
Process exited after 1.423 seconds with return value 0
Press any key to continue . . . |
```

## 4. Write a C program to compare two number.

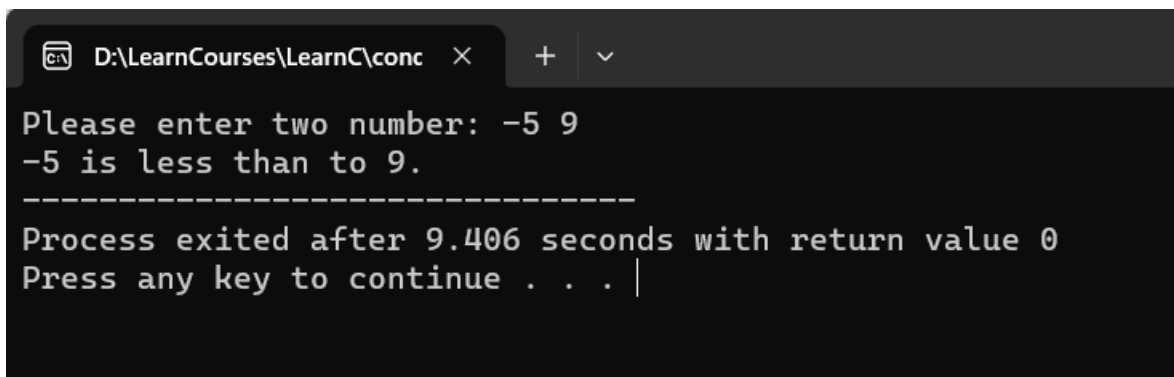
### ❖ Code

```
#include<stdio.h>

int main() {
    int n1, n2;
    printf("Please enter two number: ");
    scanf("%d %d", &n1, &n2);
    if (n1 < n2) {
        printf("%d is less than to %d.", n1, n2);
    } else if (n1 > n2) {
        printf("%d is more than to %d.", n1, n2);
    } else {
        printf("%d is equal to %d", n1, n2);
    }
}
```

```
    }  
    return 0;  
}
```

## ❖ Output



```
D:\LearnCourses\LearnC\conc  
Please enter two number: -5 9  
-5 is less than to 9.  
-----  
Process exited after 9.406 seconds with return value 0  
Press any key to continue . . . |
```

## 5. Write a C program to find leap year.

### ❖ Code

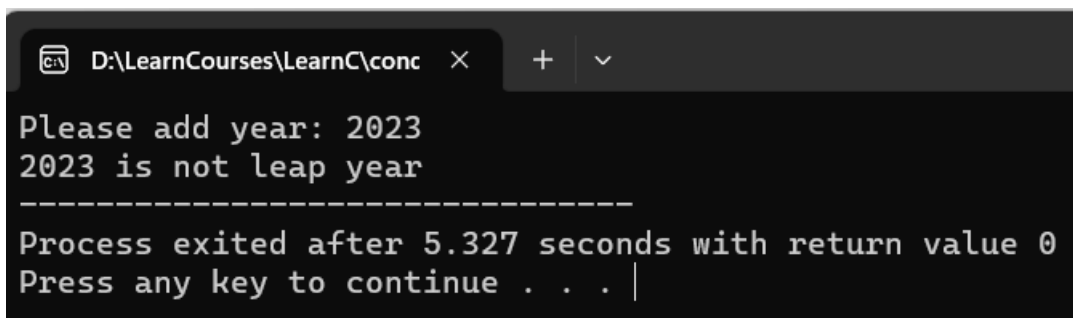
```
#include<stdio.h>  
  
int main() {  
    int yr;  
    printf("Please add year: ");  
    scanf("%d", &yr);  
    if (yr < 0) {  
        printf("INVALID - entered year should be more then or equal to  
0.");  
    } else if (yr % 400 == 0) {  
        printf("%d is leap year.", yr);  
    }
```

```

    } else if (yr % 100 == 0) {
        printf("%d is not leap year.", yr);
    } else if (yr % 4 == 0) {
        printf("%d is leap year.", yr);
    } else {
        printf("%d is not leap year", yr);
    }
    return 0;
};

```

## ❖ Output



```

D:\LearnCourses\LearnC\conc
Please add year: 2023
2023 is not leap year
-----
Process exited after 5.327 seconds with return value 0
Press any key to continue . . . |

```

## 6. Write a C program to Code electricity unit charges and calculate total electricity bill according to the given condition:

For first 50 units Rs. 0.50/unit  
 For next 100 units Rs. 0.75/unit  
 For next 100 units Rs. 1.20/unit  
 For unit above 250 Rs. 1.50/unit  
 An additional surcharge of 20% is added to the bill.

## ❖ Code

```

#include<stdio.h>

int main() {
    float unit, bill, totle_bill;

```



```

printf("Please enter totle unit of electricity bill: ");
scanf("%f", &unit);
if (unit >= 0) {
    if (unit >= 0 && unit <= 50) {
        bill = unit * 0.5;
    } else if (unit > 50 && unit <= 150) {
        bill = 50 * 0.5 + (unit - 50) * 0.75;
    } else if (unit > 150 && unit <=250) {
        bill = 50 * 0.5 + 100 * 0.75 + (unit - 150) * 1.2;
    } else if (unit > 250) {
        bill = 50 * 0.5 + 100 * 0.75 + 100 * 1.2 + (unit - 250) * 1.5;
    }
    totle_bill = unit + (unit * 0.2);
    printf("Your bill: Rs. %f\n", bill);
    printf("Your total electricity Bill: Rs. %f", totle_bill);
} else {
    printf("INVALIDE - Added unit should be more than or equal to
0.");
}
return 0;
};
}

```

## Output

```
D:\LearnCourses\LearnC\conc × + ∨  
Please enter totle unit of electricity bill: 200  
Your bill: Rs. 160.000000  
Your total electricity Bill: Rs. 240.000000  
-----  
Process exited after 16.26 seconds with return value 0  
Press any key to continue . . . |
```

**7. Write a C program that ask your gender and salary and give bonus according to following criteria:**

- If you are male and your salary is less than 10000 than company will provide 2% bonus of your salary
- If you are female and your salary is less than 10000 than company will provide 3% bonus of your salary

## ◆ Code

```
#include<stdio.h>
int main() {
    char gender;
    int salary, bonus, totle_salary;
    printf("Enter your gender M(male) or F(female) and salary: ");
    scanf("%c %d", &gender, &salary);
    if ((gender == 'm' || gender == 'M') && salary < 10000) {
        bonus = salary * 0.2;
    } else if ((gender == 'f' || gender == 'F') && salary < 10000) {
        bonus = salary * 0.3;
    }
    totle_salary = salary + bonus;
    if (salary < 10000 && salary > 0) {
        printf("\nYour salary: Rs. %d/-\n", salary);
        printf("Your bonus: RS. %d/-\n", bonus);
        printf("Your totle_salary: Rs. %d/-", totle_salary);
    } else if (salary < 0) {
        printf("\nINVALID - Your salary should be more than or  
equal to 0.");
    } else {
        printf("\nSorry, Rs. %d is more than Rs.10000 so you can  
not get bonus.", salary);
    }

    return 0;
}
```

## ◆ Output



D:\LearnCourses\LearnC\conc



Enter your gender M(male) or F(female) and salary: m 5000

Your salary: Rs. 5000/-

Your bonus: RS. 1000/-

Your totle\_salary: Rs. 6000/-

-----

Process exited after 5.027 seconds with return value 0

Press any key to continue . . . |

## 8. Write a C program to calculate tax from given image.

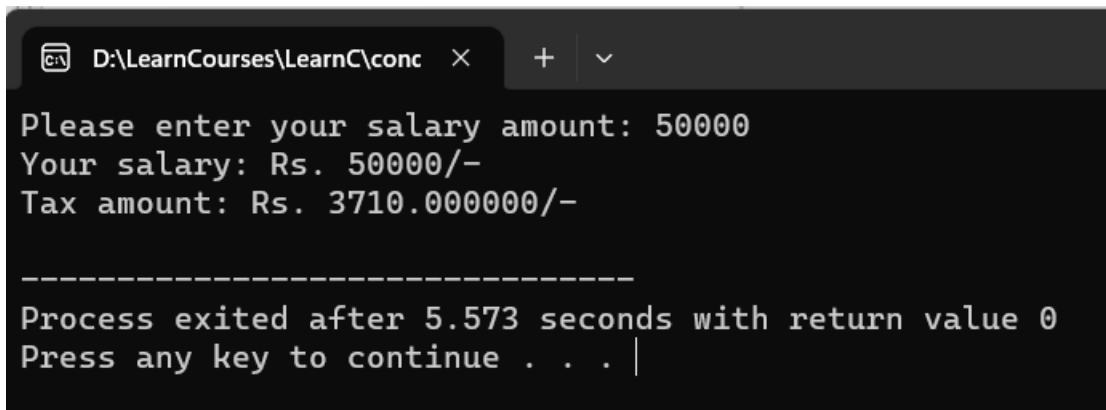
### ◆ Code

```
#include<stdio.h>

int main() {
    int salary;
    float tax_amt;
    printf("Please enter your salary amount: ");
    scanf("%d", &salary);
    if (salary >= 0) {
        if (salary > 2000 && salary <= 4000) {
            tax_amt = 2000 * 0 + (salary - 2000) * 0.03;
        } else if (salary > 4000 && salary <= 5000) {
            tax_amt = 2000 * 0 + 2000 * 0.03 + (salary - 4000) * 0.05;
        } else if (salary > 5000) {
            tax_amt = 2000 * 0 + 2000 * 0.03 + 1000 * 0.05 + (salary -
5000) * 0.08;
        }
        if (salary > 2000) {
            printf("Your salary: Rs. %d/-\n", salary);
            printf("Tax amount: Rs. %f/-\n", tax_amt);
        } else {
            printf("No tax deduction.");
        }
    } else {
        printf("INVALID - Please check your input.\n");
    }
}
```

```
    }  
    return 0;  
}  
  
    return 0;  
}
```

## ❖ Output



```
D:\LearnCourses\LearnC\conc  X  +  v  
Please enter your salary amount: 50000  
Your salary: Rs. 50000/-  
Tax amount: Rs. 3710.000000/-  
  
-----  
Process exited after 5.573 seconds with return value 0  
Press any key to continue . . . |
```

## 9. Write a C program for calculate scholarship from given criteria:

Cast Criteria:

- Open: No Scholarship
- OBC: 25%
- SC: 50%
- ST: 100%

Grade Criteria:

- Your grade must be same or above B to eligible for scholarship.

Grade:

- A (CGPA: 9+)
- B (CGPA: 8.5+)
- C (CGPA: 8+)
- D (CGPA: 7.5+)

### ◆ Code

```
#include<stdio.h>

int main() {
    char cast, grade;
    int fees, scholarship, totle_fees;
    float cgpa;
    printf("Enter your cast on based to given here.\n - O for Open\n - B for OBC\n - S for SC\n - T for ST\n Please enter your cast here: ");
    scanf("%s", &cast);
    printf("CGPA: ");
    scanf("%f", &cgpa);
    printf("Fees: ");
```

```

scanf("%d", &fees);
if (cgpa > 9 && cgpa <= 10) {
    grade = 'A';
} else if (cgpa > 8.5 && cgpa <= 9) {
    grade = 'B';
} else if (cgpa > 8 && cgpa <= 8.5) {
    grade = 'C';
} else if (cgpa > 7.5 && cgpa <= 8) {
    grade = 'D';
}
if (cast == 'O') {
    printf("Sorry, Your cast is %c (Open) so you can not get
Scholarship.", cast);
} else if (cast == 'B' && grade >= 'B') {
    scholarship = fees * 0.25;
} else if (cast == 'S' && grade >= 'B') {
    scholarship = fees * 0.50;
} else if (cast == 'T' && grade >= 'B') {
    scholarship = fees * 1;
}
totle_fees = fees - scholarship;
printf("Your Fees is: Rs. %d/-\n", fees);
printf("Your CGPA is: Rs. %f/-\n", cgpa);
printf("Your scholarship is: Rs. %d/-\n", scholarship);
printf("Your Payable fees is: Rs. %d/-\n", totle_fees);
return 0;
}

```



## ◆ Output

```
D:\LearnCourses\LearnC\conc  X  +  v
Enter your cast on based to given here.
- 0 for Open
- B for OBC
- S for SC
- T for ST
Please enter your cast here: S
CGPA: 9.1
Fees: 10000
Your Fees is: Rs. 10000/-
Your CGPA is: Rs. 9.100000/-
Your scholarship is: Rs. 1/-
Your Payable fees is: Rs. 9999/-

-----
Process exited after 19.34 seconds with return value 0
Press any key to continue . . . |
```

**10. Write a C program for calculate your net income from given criteria:**

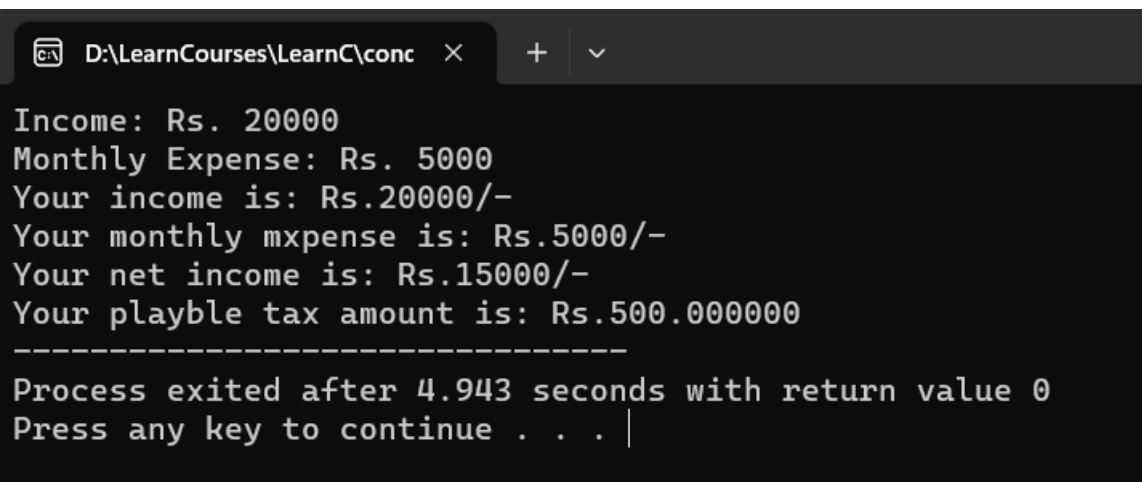
- If your net income is below 10000 you have not to pay any tax.
- If your net income is below 15000 you have to pay 10% tax.
- If your net income is above 15000 you have to pay 18% tax.

◆ **Code**

```
#include<stdio.h>
int main() {
    int income, mon_exp, net_income;
    float tax;
    printf("Income: Rs. ");
    scanf("%d", &income);
    printf("Monthly Expense: Rs. ");
    scanf("%d", &mon_exp);
    net_income = income - mon_exp;
    if (net_income <= 10000) {
        printf("You have not to pay any tax because your net
incom is Rs. %d/-", net_income);
    } else if ((net_income <= 15000) && (net_income >
10000)) {
        tax = (net_income - 10000) * 0.1;
    } else if (net_income > 15000) {
        tax = 10000 * 0 + 5000 * 0.1 + (net_income - 15000)
* 0.18;
    }
    if (net_income > 10000) {
        printf("Your income is: Rs.%d/-\n", income);
```

```
        printf("Your monthly mxpense is: Rs.%d/-\n",
mon_exp);
        printf("Your net income is: Rs.%d/-\n", net_income);
        printf("Your playble tax amount is: Rs.%f", tax);
    }
    return 0;
}
```

## ❖ Output



```
D:\LearnCourses\LearnC\conc  ×  +  ∨
Income: Rs. 20000
Monthly Expense: Rs. 5000
Your income is: Rs.20000/-
Your monthly mxpense is: Rs.5000/-
Your net income is: Rs.15000/-
Your playble tax amount is: Rs.500.000000
-----
Process exited after 4.943 seconds with return value 0
Press any key to continue . . . |
```

**11. Write a C program to find out maximum from 3 numbers using nested if.**

◆ **Code**

```
#include<stdio.h>
int main () {
    float n1, n2, n3;
    printf("Please enter any three numbers: ");
    scanf("%f %f %f", &n1, &n2, &n3);
    if (n1 > n2) {
        if (n1 > n3) {
            printf("%f is maximum", n1);
        } else {
            printf("%f is maximum", n3);
        }
    } else {
        if (n2 > n3) {
            printf("%f is maximum", n2);
        } else {
            printf("%f is maximum", n3);
        }
    }
}
```

```
        return 0;
    }
```

## ❖ Output

```
D:\LearnCourses\LearnC\conc x + v
Please enter any three numbers: -3 0.1 56
56.000000 is maximum
-----
Process exited after 14.44 seconds with return value 0
Press any key to continue . . . |
```

12. Write a C program to find out maximum from 4 numbers using nested if.

## ❖ Code

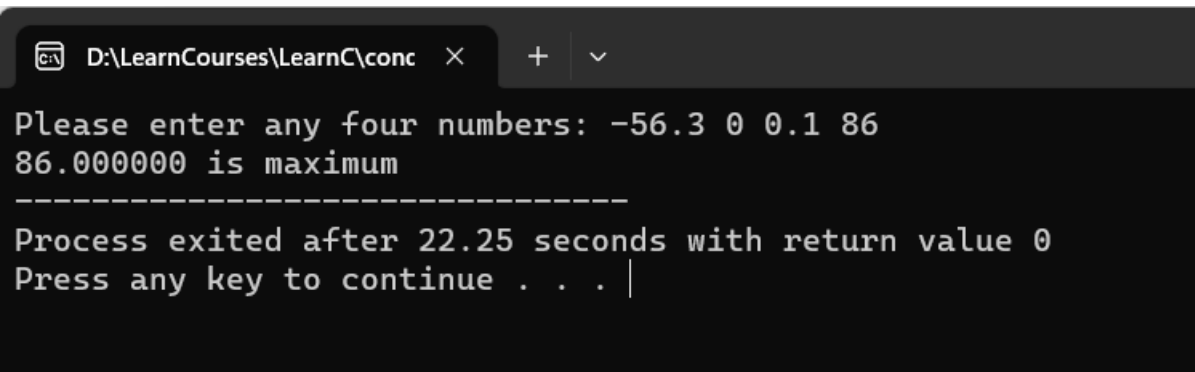
```
#include<stdio.h>
int main () {
    float n1, n2, n3, n4;
    printf("Please enter any four numbers: ");
    scanf("%f %f %f %f", &n1, &n2, &n3, &n4);
    if (n1 > n2) {
        if (n1 > n3) {
            if(n1 > n4) {
                printf("%f is maximum", n1);
            } else {
                printf("%f is maximum", n4);
            }
        } else {
            if(n3 > n4) {
                printf("%f is maximum", n3);
            } else {
                printf("%f is maximum", n4);
            }
        }
    }
}
```

```

        } else {
            printf("%f is maximum", n4);
        }
    }
} else {
    if (n2 > n3) {
        if (n2 > n4) {
            printf("%f is maximum", n2);
        } else {
            printf("%f is maximum", n4);
        }
    } else {
        if (n3 > n4) {
            printf("%f is maximum", n3);
        } else {
            printf("%f is maximum", n4);
        }
    }
}
return 0;
}

```

## ◆ Output



```

D:\LearnCourses\LearnC\conc
Please enter any four numbers: -56.3 0 0.1 86
86.000000 is maximum
-----
Process exited after 22.25 seconds with return value 0
Press any key to continue . . . |

```

**13. Write a C program to find out minimum from 4 numbers using nested if.**

◆ **Code**

```
#include<stdio.h>
int main () {
    float n1, n2, n3, n4;
    printf("Please enter any four numbers: ");
    scanf("%f %f %f %f", &n1, &n2, &n3, &n4);
    if (n1 < n2) {
        if (n1 < n3) {
            if(n1 < n4) {
                printf("%f is minimum ", n1);
            }
        }
    }
}
```

```

        } else {
            printf("%f is minimum ", n4);
        }
    } else {
        if(n3 < n4) {
            printf("%f is maximum", n3);
        } else {
            printf("%f is maximum", n4);
        }
    }
} else {
    if (n2 < n3) {
        if (n2 < n4) {
            printf("%f is minimum ", n2);
        } else {
            printf("%f is minimum ", n4);
        }
    } else {
        if(n3 < n4) {
            printf("%f is minimum ", n3);
        } else {
            printf("%f is minimum ", n4);
        }
    }
}
return 0;
}

```

## Output



```
D:\LearnCourses\LearnC\conc × + ∨
Please enter any four numbers: -0.1 56 1000 0
-0.100000 is minimum
-----
Process exited after 13.29 seconds with return value 0
Press any key to continue . . . |
```

14. Write a C program to find user is eligible for blood donation or not using nested if.

#### ◆ Code

```
#include<stdio.h>
```

```
int main () {  
    int age, weight;  
    printf("Age: ");  
    scanf("%d", &age);  
    if (age >= 18) {  
        printf("Weight: ");  
        scanf("%d", &weight);  
        if (weight >= 50) {  
            printf("You are able for blood donation.");  
        } else {  
            printf("Sorry, You are not able for blood donation beacuse  
your weight: %dKg is under to 50KG.",age, weight);  
        }  
    } else {  
        printf("Sorry, You are not able for blood donation beacuse your  
age: %d years is under to 18 years.", age);  
    }  
    return 0;  
}
```

## ◆ Output



D:\LearnCourses\LearnC\conc



Age: 20

Weight: 56

You are able for blood donation.

-----

Process exited after 36 seconds with return value 0

Press any key to continue . . . |

**15. Write a C program to calculate sales discount from given image using nested if or (switch case and if condition).**

◆ **code**

```
#include<stdio.h>

int main () {
    char things;
    int purchase_amt, discount;

    printf("Please enter the type of things you purchased like: \n- M for mill  
cloths.\n- H for Handloom items.\n\nPlease enter here M or H: ");

    scanf("%c", &things);
    printf("amount of purchaed things: Rs. ");
    scanf("%d", &purchase_amt);

    if ((things == 'M' || things == 'm') && purchase_amt > 0 ) {
        if (purchase_amt > 0 && purchase_amt <= 100) {
            printf("Sorry, You can not get any discount.");
        } else if (purchase_amt > 100 && purchase_amt <= 200) {
            discount = purchase_amt * 0.05;
        } else if (purchase_amt > 200 && purchase_amt <= 300) {
            discount = purchase_amt * 0.075;
        } else if (purchase_amt > 300) {
            discount = purchase_amt * 0.1;
        }

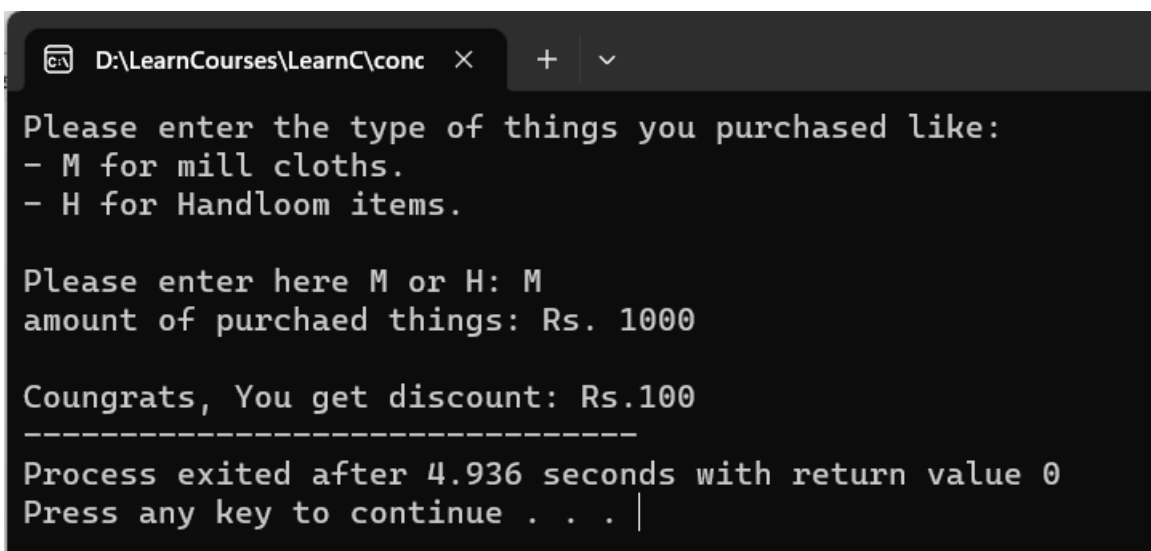
        printf("\nCoungrats, You get discount: Rs.%d", discount);
    } else if ((things == 'H' || things == 'h') && purchase_amt > 0 ) {
        if (purchase_amt > 0 && purchase_amt <= 100) {
            discount = purchase_amt * 0.05;
```

```

    } else if (purchase_amt > 100 && purchase_amt <= 200) {
        discount = purchase_amt * 0.075;
    } else if (purchase_amt > 200 && purchase_amt <= 300) {
        discount = purchase_amt * 0.1;
    } else if (purchase_amt > 300) {
        discount = purchase_amt * 0.15;
    }
    printf("\nCoungrats, You get discount: Rs.%d/-", discount);
} else {
    printf("INVALID - Please check your added input");
}
return 0;
}

```

## ◆ Output



```

D:\LearnCourses\LearnC\conc x + v
Please enter the type of things you purchased like:
- M for mill cloths.
- H for Handloom items.

Please enter here M or H: M
amount of purchaed things: Rs. 1000

Coungrats, You get discount: Rs.100
-----
Process exited after 4.936 seconds with return value 0
Press any key to continue . . . |

```

## 16.Reform 9th program using nested if.

### ◆ Code

```
#include<stdio.h>
int main() {
    char cast, grade;
    int fees, scholarship, totle_fees;
    float cgpa;
    printf("Enter your cast on based to given here.\n - O for
Open\n - B for OBC\n - S for SC\n - T for ST\nPlease enter your
cast here: ");
    scanf("%s", &cast);
    if (cast == 'O') {
        printf("Sorry, Your cast is %c (Open) so you can not
get Scholarship.", cast);
    } else if (cast == 'B' || cast == 'S' || cast == 'T') {
        printf("CGPA: ");
        scanf("%f", &cgpa);
        if (cgpa > 9 && cgpa <= 10) {
            grade = 'A';
        } else if (cgpa > 8.5 && cgpa <= 9) {
            grade = 'B';
        } else if (cgpa > 8 && cgpa <= 8.5) {
            grade = 'C';
        } else if (cgpa > 7.5 && cgpa <= 8) {
            grade = 'D';
        }
    }
```

```

        if (grade >= 'B') {
            printf("Fees: ");
            scanf("%d", &fees);

            if (cast == 'B') {
                scholarship = fees * 0.25;
            } else if (cast == 'S') {
                scholarship = fees * 0.50;
            } else if (cast == 'T') {
                scholarship = fees * 1;
            }
            totle_fees = fees - scholarship;
            printf("\nYour Fees : Rs. %d/-\n", fees);
            printf("Your CGPA is: %f\n", cgpa);
            printf("Your Scholarship: Rs. %d/-\n",
scholarship);
            printf("Your Payable fees: Rs. %d/-\n",
totle_fees);
        } else {
            printf("Sorry, Your CGPA should more than 8.5+
and less than or euqal to 10.");
        }
    } else {
        printf("INVALID - Please check your added input.");
    }
    return 0;
}

```

## **◆ Output**

```
D:\LearnCourses\LearnC\conc x + v
Enter your cast on based to given here.
- O for Open
- B for OBC
- S for SC
- T for ST
Please enter your cast here: S
CGPA: 9
Fees: 12000

Your Fees : Rs. 12000/-
Your CGPA is: 9.000000
Your Scholarship: Rs. 6000/-
Your Payable fees: Rs. 6000/-

-----
Process exited after 9.116 seconds with return value 0
Press any key to continue . . . |
```

17. Write a C program to find day name using switch case.

#### ❖ Code

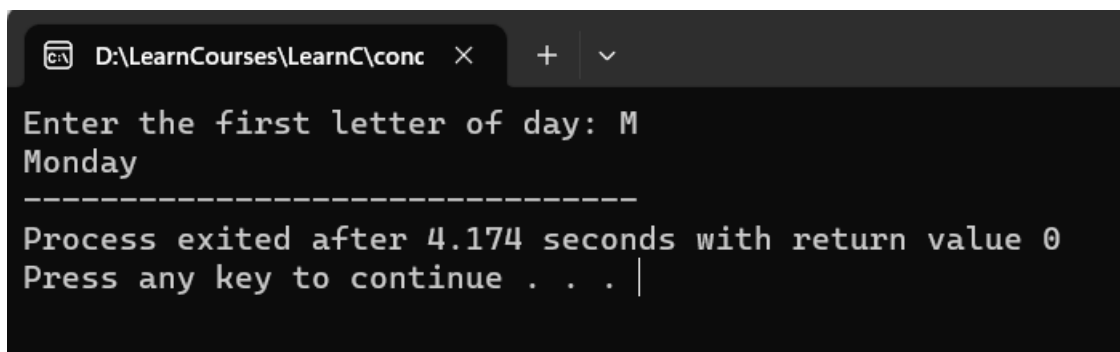
```
#include<stdio.h>
int main () {
    char day;
    printf("Enter the first letter of day: ");
    scanf("%c", &day);
    switch (day) {
        case 'M':
            printf("Monday");
            break;
        case 'T':
            printf("Tuseday");
            break;
        case 'W':
            printf("Wendsday");
            break;
        case 't':
            printf("Thursday");
            break;
        case 'F':
            printf("Friday");
```



```
        break;
    case 'S':
        printf("Saturday");
        break;
    case 's':
        printf("Sunday");
        break;
    default:
        printf("\nINVALID - Please check your added input.");
        break;
}

return 0;
}
```

## ❖ Output



```
D:\LearnCourses\LearnC\conc x + v
Enter the first letter of day: M
Monday
-----
Process exited after 4.174 seconds with return value 0
Press any key to continue . . . |
```

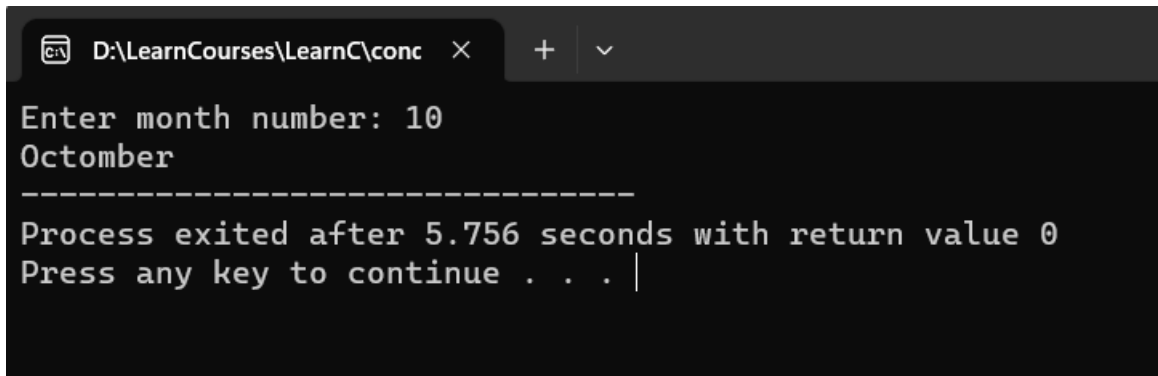
**18. Write a C program to find month name from month number using switch case.**

◆ **Code**

```
#include<stdio.h>
int main () {
    int month;
    printf("Enter month number: ");
    scanf("%d", &month);
    switch (month) {
        case 1:
            printf("January");
            break;
        case 2:
            printf("February");
```

```
        break;
case 3:
    printf("March");
    break;
case 4:
    printf("April");
    break;
case 5:
    printf("May");
    break;
case 6:
    printf("June");
    break;
case 7:
    printf("July");
    break;
case 8:
    printf("August");
    break;
case 9:
    printf("September");
    break;
case 10:
    printf("Octomber");
    break;
case 11:
    printf("November");
    break;
case 12:
    printf("December");
    break;
default:
    printf("INVALID - Please check your added input.");
    break;
    }
return 0;
}
```

## ❖ Output



```
D:\LearnCourses\LearnC\conc
Enter month number: 10
October
-----
Process exited after 5.756 seconds with return value 0
Press any key to continue . . . |
```

**19.Reform 7th program using switch case and if condition.**

## ❖ Code

```
#include<stdio.h>
int main() {
    char gender;
    int salary, bonus, tole_salary;
```

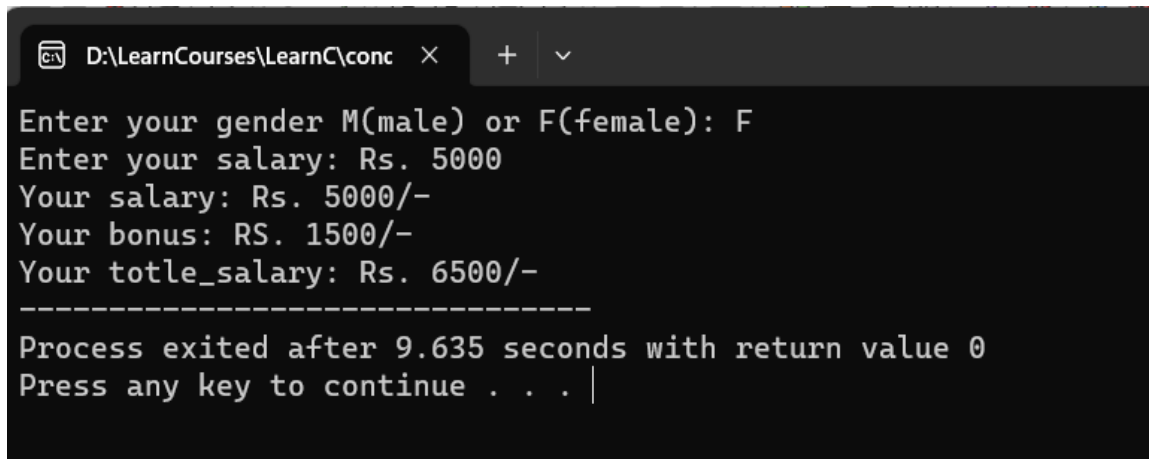
```

printf("Enter your gender M(male) or F(female): ");
scanf("%c", &gender);
switch (gender) {
    case 'M':
        printf("Enter your salary: Rs. ");
        scanf("%d", &salary);
        if (salary < 10000 && salary > 0) {
            bonus = salary * 0.2;
            totle_salary = salary + bonus;
            printf("Your salary: Rs. %d/-\n", salary);
            printf("Your bonus: RS. %d/-\n", bonus);
            printf("Your totle_salary: Rs. %d/-",
totle_salary);
        } else {
            printf("\nSorry, You can not get bonus because
your salary should more than Rs.0/- otherwise less than Rs.10000/-.");
        }
        break;
    case 'F':
        printf("Enter your salary: Rs. ");
        scanf("%d", &salary);
        if (salary < 10000 && salary > 0) {
            bonus = salary * 0.3;
            totle_salary = salary + bonus;
            printf("Your salary: Rs. %d/-\n", salary);
            printf("Your bonus: RS. %d/-\n", bonus);
            printf("Your totle_salary: Rs. %d/-",
totle_salary);
        } else {
            printf("\nSorry, You can not get bonus because
your salary should more than Rs.0/- otherwise less than Rs.10000/-.");
        }
        break;
    default:
        printf("\nINVALID - Please check your added input.");
        break;
}

```

```
    return 0;  
}
```

## ❖ Output



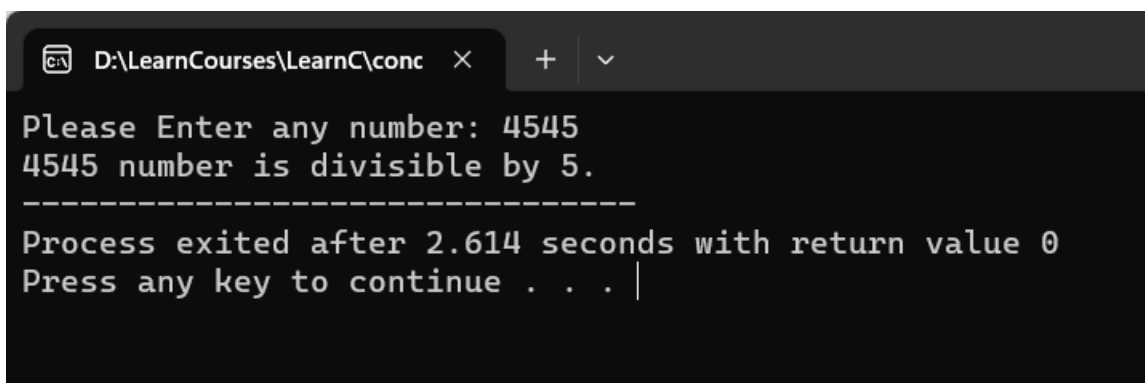
```
D:\LearnCourses\LearnC\conc > Enter your gender M(male) or F(female): F  
Enter your salary: Rs. 5000  
Your salary: Rs. 5000/-  
Your bonus: RS. 1500/-  
Your totle_salary: Rs. 6500/-  
-----  
Process exited after 9.635 seconds with return value 0  
Press any key to continue . . . |
```

20. Write a program to check whether a given number is divisible by 5 or not.

## ❖ Code

```
#include<stdio.h>
int main() {
    int num;
    float ans;
    printf("Please Enter any number: ");
    scanf("%d", &num);
    if (num % 5 == 0) {
        printf("%d number is divisible by 5.", num);
    } else {
        printf("%d number is not divisible by 5.", num);
    }
    return 0;
}
```

## ❖ Output



```
D:\LearnCourses\LearnC\conc  X  +  v

Please Enter any number: 4545
4545 number is divisible by 5.
-----
Process exited after 2.614 seconds with return value 0
Press any key to continue . . . |
```